

METHOD AND APPARATUS FOR THE REGASIFICATION OF LNG ONBOARD A CARRIER

Abstract

[0046] An LNG carrier for transporting LNG from one location to another that includes a vaporizer on board said LNG carrier for vaporizing the LNG to a gaseous state, one or more heat exchangers at least partially submerged in seawater, an intermediate fluid circulating between said vaporizer and said heat exchanger; and one or more pumps for circulating said intermediate fluid is disclosed. A method of regasifying LNG while on board an LNG carrier is provided that includes circulating an intermediate fluid between a vaporizer on board the LNG carrier and a submerged or partially submerged heat exchanger, heating the LNG to a temperature above its vaporization temperature using heat energy carried by said intermediate fluid and heating the intermediate fluid, using heat energy supplied by the submerged or partially submerged heat exchanger.